

<p>This teaching module provides the following elements, which are useful for achieving EAEVE Day One Competences</p>	
1.2	<p>Understand scientific research methods, the contribution of basic and applied research to science and implementation of the 3Rs principle (Replacement, Reduction, Refinement).</p>
1.4	<p>Promote, monitor and contribute to maintaining health and safety of oneself, patients, clients, colleagues and the environment in the veterinary setting; demonstrate knowledge about the principles of quality assurance; apply principles of risk management in practice.</p>
1.5	<p>Communicate effectively with clients, the public, professional colleagues and responsible authorities, using language appropriate to the audience concerned and in full respect of confidentiality and privacy.</p> <p>The student is able to produce scientific reports in written form to communicate results and information relevant to the veterinary field</p>
1.6	<p>Implement principles of effective interpersonal interaction, including communication, leadership, management, team working, mutual respect and other soft skills.</p>
1.7	<p>Prepare accurate clinical and client records, and case reports when necessary, in a form satisfactory to the relevant audiences.</p>
1.9	<p>Be able to review and evaluate literature and presentations critically.</p> <p>The student communicates and critically discusses with peers the results of a research paper in a short presentation</p>
1.13	<p>Demonstrate the ability to recognise personal and professional limits, and know how to seek professional advice, assistance and support when necessary.</p>
1.22	<p>Collect, preserve and transport samples, select appropriate diagnostic tests, interpret and understand the limitations of the test results.</p> <p>The student properly and autonomously collects blood samples, uses appropriate tubes and correctly completes the lab form (for in- house and referral labs)</p> <p>The student is able to perform standard laboratory tests in cows, including somatic cell count in milk, hematological tests, urinalysis, and to interpret the results (Biochemical Profile)</p> <p>The student is able to perform basic haematological and serobiochemical tests on blood samples and urinalysis</p> <p>The student is able to perform the appropriate test, read, and interpret the results of the laboratory investigations (e.g. laboratory test sensitivity and/or specificity) and reference values</p> <p>The student interprets at least the following diagnostic lab results: Complete Blood Count (CBC) and Biochemistry</p> <p>The student knows how to properly handle a peripheral blood tube to make a basic hematological evaluation: PCV, refractometric total protein, smear execution, staining and evaluation with leukocyte differential count</p> <p>The student knows appropriate storage conditions for biologic samples</p> <p>The student uses the basic biochemical laboratory equipment and carries out appropriate assays in accordance with good laboratory practice and laboratory safety</p>